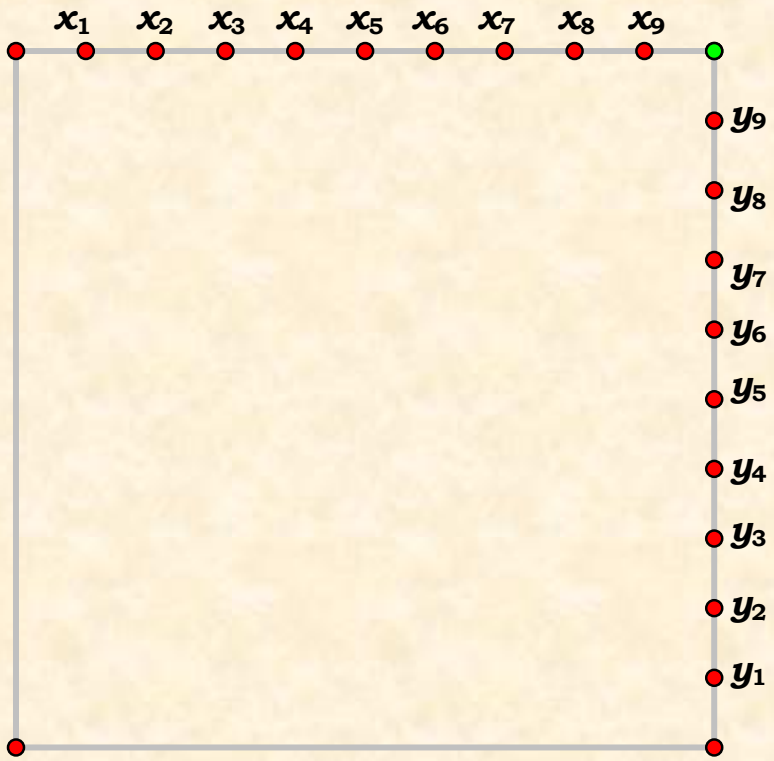
Dot Box



By John Clark

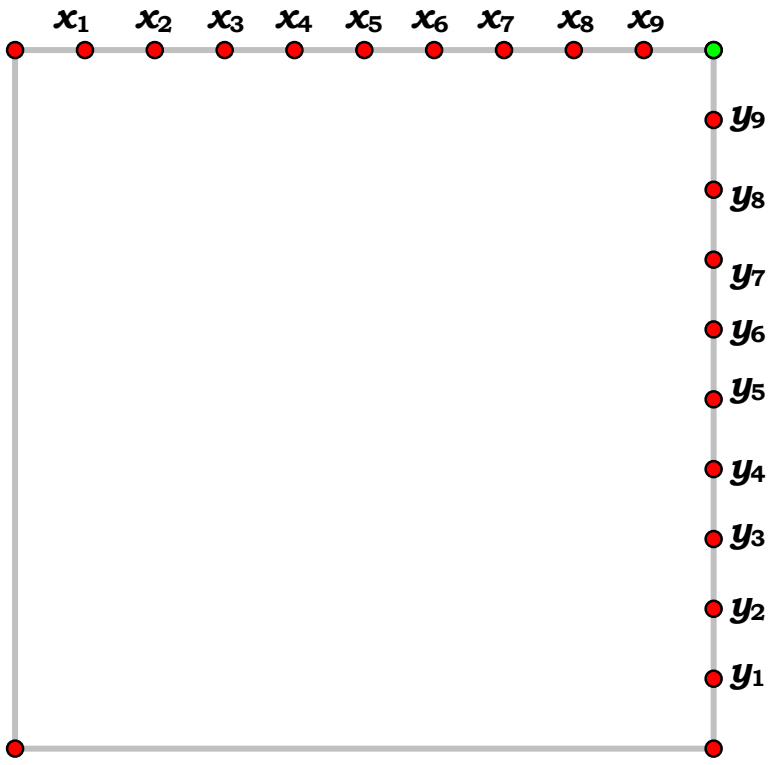
$Unit = 1.00000$

1x
2x
3x
4x
5x
6x
7x
8x
9x
10x
1y
2y
3y
4y
5y
6y
7y
8y
9y
10y

$x = 10.00000$
$y = 10.00000$
$x_1 = 0.10000$
$x_2 = 0.20000$
$x_3 = 0.30000$
$x_4 = 0.40000$
$x_5 = 0.50000$
$x_6 = 0.60000$
$x_7 = 0.70000$
$x_8 = 0.80000$
$x_9 = 0.90000$

$y_1 = 0.10000$
$y_2 = 0.20000$
$y_3 = 0.30000$
$y_4 = 0.40000$
$y_5 = 0.50000$
$y_6 = 0.60000$
$y_7 = 0.70000$
$y_8 = 0.80000$
$y_9 = 0.90000$

$$\frac{1}{x_1 \cdot y_1} = 100.00000$$



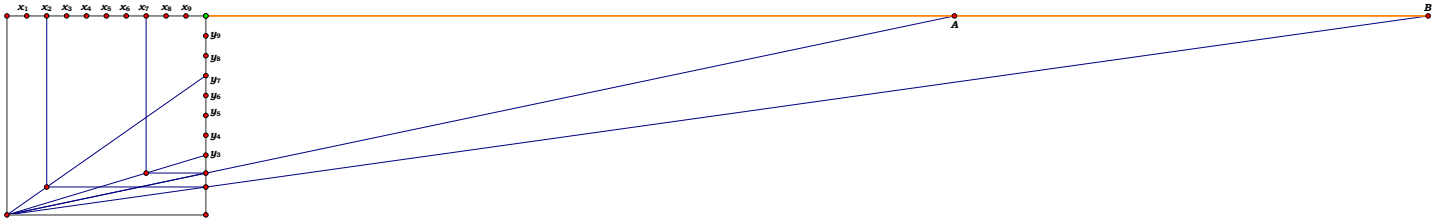
$Unit = 1.00000$

1x
2x
3x
4x
5x
6x
7x
8x
9x
10x
1y
2y
3y
4y
5y
6y
7y
8y
9y
10y
Show Intersections

$x = 10.00000$
$y = 10.00000$
$x_1 = 0.10000$
$x_2 = 0.20000$
$x_3 = 0.30000$
$x_4 = 0.40000$
$x_5 = 0.50000$
$x_6 = 0.60000$
$x_7 = 0.70000$
$x_8 = 0.80000$
$x_9 = 0.90000$

$y_1 = 0.10000$
$y_2 = 0.20000$
$y_3 = 0.30000$
$y_4 = 0.40000$
$y_5 = 0.50000$
$y_6 = 0.60000$
$y_7 = 0.70000$
$y_8 = 0.80000$
$y_9 = 0.90000$

$\frac{1}{x_1 \cdot y_1} = 100.00000$



$x_A = 4.76190$

$\frac{1}{x_7 \cdot y_3} = 4.76190$

$\frac{x \cdot y}{7 \cdot 3} = 4.76190$

$\frac{100}{7 \cdot 3} = 4.76190$

$B = 7.14286$

$\frac{1}{x_2 \cdot y_7} = 7.14286$

$\frac{x \cdot y}{2 \cdot 7} = 7.14286$

$\frac{100}{2 \cdot 7} = 7.14286$

$Unit = 1.00000$

1x
2x $x = 6.00000$ $y_1 = 0.33333$
3x $y = 3.00000$ $y_2 = 0.66667$
4x $x_1 = 0.16667$ $y_3 = 1.00000$
5x $x_2 = 0.33333$
6x $x_3 = 0.50000$
7x $x_4 = 0.66667$
8x $x_5 = 0.83333$
9x $x_6 = 1.00000$
10x
1y $\frac{1}{x_1 \cdot y_1} = 18.00000$
2y
3y
4y
5y
6y
7y
8y
9y
10y

$A = 4.50000$

$\frac{1}{x_2 \cdot y_2} = 4.50000$

$\frac{x \cdot y}{2 \cdot 2} = 4.50000$

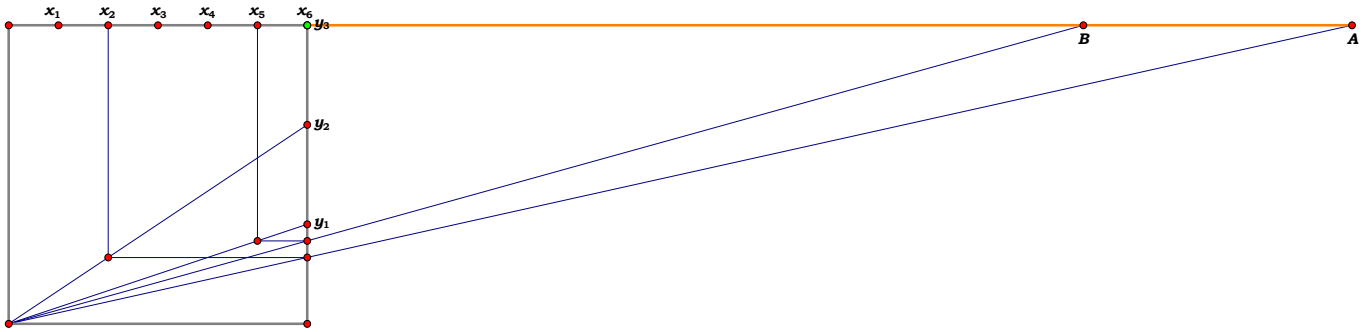
$\frac{6 \cdot 3}{2 \cdot 2} = 4.50000$

$B = 3.60000$

$\frac{1}{x_5 \cdot y_1} = 3.60000$

$\frac{x \cdot y}{5 \cdot 1} = 3.60000$

$\frac{18}{5} = 3.60000$



$Unit = 1.00000$

1x $x = 1.00000$

2x $y = 10.00000$

3x $x_1 = 1.00000$

4x $y_1 = 0.10000$

5x $y_2 = 0.20000$

6x $y_3 = 0.30000$

7x $y_4 = 0.40000$

8x $y_5 = 0.50000$

9x $y_6 = 0.60000$

10x $y_7 = 0.70000$

1y $y_8 = 0.80000$

2y $y_9 = 0.90000$

3y $\frac{1}{x_1 \cdot y_1} = 10.00000$

4y

5y

6y

7y $a = 0.01667$

8y $b = 0.03333$

9y $c = 0.05000$

10y $d = 0.06667$

$e = 0.08333$

$A = 0.16667$

$B = 0.33333$

$C = 0.50000$

$D = 0.66667$

$E = 0.83333$

$A = 0.16667$

$2 \cdot A = 0.33333$

$3 \cdot A = 0.50000$

$4 \cdot A = 0.66667$

$5 \cdot A = 0.83333$

$6 \cdot A = 1.00000$

$\frac{1}{a} = 60.00000$

$\frac{1}{b} = 30.00000$

$\frac{1}{c} = 20.00000$

$\frac{1}{d} = 15.00000$

$\frac{1}{e} = 12.00000$

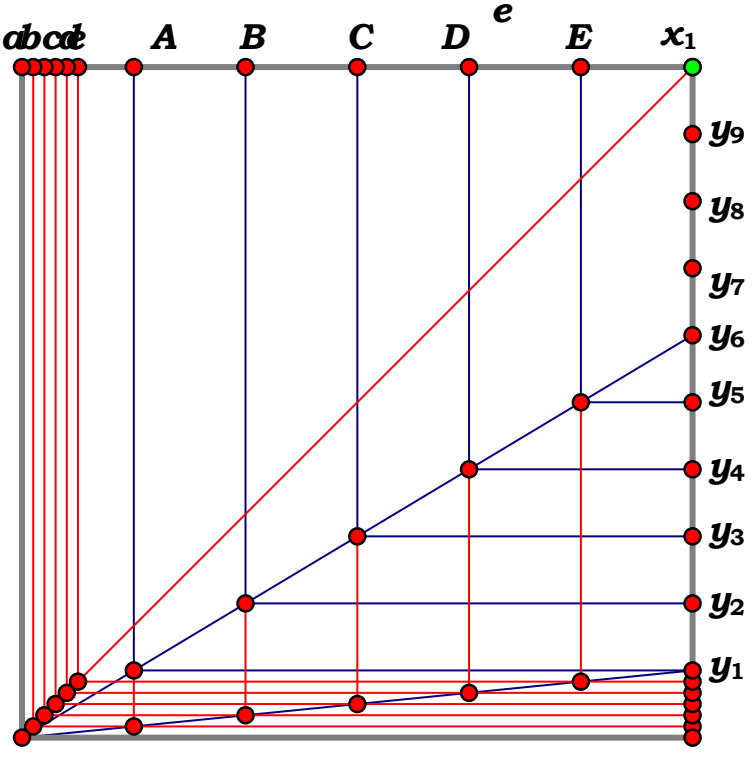
$a = 0.01667$

$2 \cdot a = 0.03333$

$3 \cdot a = 0.05000$

$4 \cdot a = 0.06667$

$5 \cdot a = 0.08333$



$Unit = 1.00000$

1x 2x 3x 4x 5x 6x 7x 8x 9x 10x 1y 2y 3y 4y 5y 6y 7y 8y 9y 10y

$x = 10.00000$
$y = 10.00000$
$x_1 = 0.10000$
$x_2 = 0.20000$
$x_3 = 0.30000$
$x_4 = 0.40000$
$x_5 = 0.50000$
$x_6 = 0.60000$
$x_7 = 0.70000$
$x_8 = 0.80000$
$x_9 = 0.90000$

$y_1 = 0.10000$
$y_2 = 0.20000$
$y_3 = 0.30000$
$y_4 = 0.40000$
$y_5 = 0.50000$
$y_6 = 0.60000$
$y_7 = 0.70000$
$y_8 = 0.80000$
$y_9 = 0.90000$

$\frac{1}{x_1 \cdot y_1} = 100.00000$

$x_4 = 4.76190$

$\frac{1}{x_7 \cdot y_3} = 4.76190$

$\frac{x \cdot y}{7 \cdot 3} = 4.76190$

$\frac{100}{7 \cdot 3} = 4.76190$

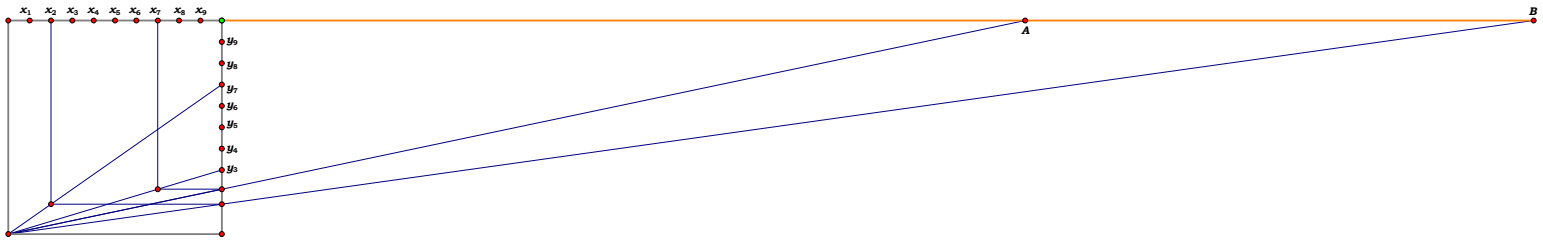
$B = 7.14286$

$\frac{1}{x_2 \cdot y_7} = 7.14286$

$\frac{x \cdot y}{2 \cdot 7} = 7.14286$

$\frac{100}{2 \cdot 7} = 7.14286$

Show Intersections



$Unit = 1.00000$

1x

2x $x = 6.00000$ $y_1 = 0.33333$

3x $y = 3.00000$ $y_2 = 0.66667$

4x $x_1 = 0.16667$ $y_3 = 1.00000$

5x $x_2 = 0.33333$

6x $x_3 = 0.50000$

7x $x_4 = 0.66667$

8x $x_5 = 0.83333$

9x $x_6 = 1.00000$

10x $\frac{1}{x_1 \cdot y_1} = 18.00000$

1y

2y

3y

4y $A = 4.50000$ $B = 3.60000$

5y $\frac{1}{x_2 \cdot y_2} = 4.50000$ $\frac{1}{x_5 \cdot y_1} = 3.60000$

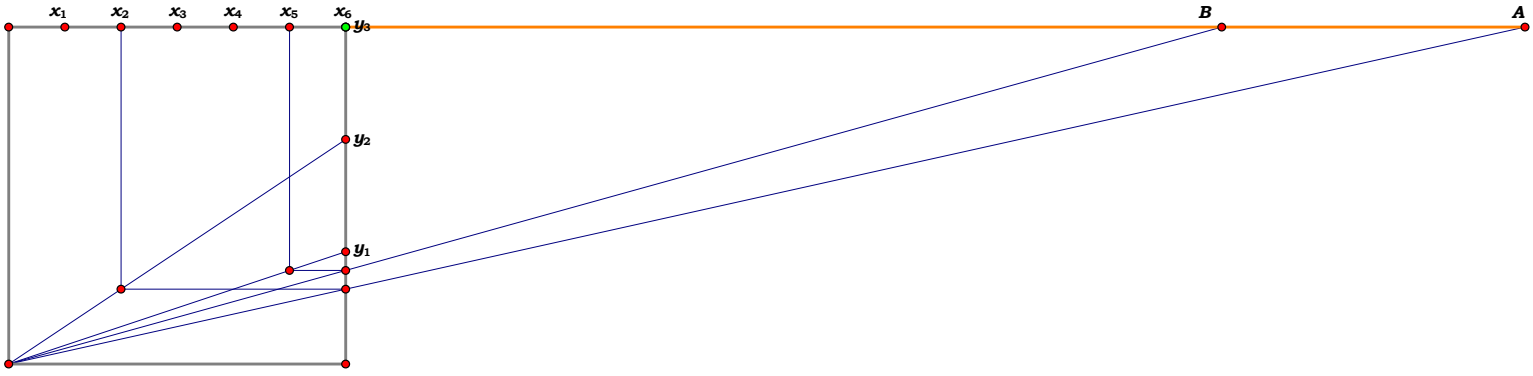
6y

7y $\frac{x \cdot y}{2 \cdot 2} = 4.50000$ $\frac{x \cdot y}{5 \cdot 1} = 3.60000$

8y

9y $\frac{6 \cdot 3}{2 \cdot 2} = 4.50000$ $\frac{18}{5} = 3.60000$

10y



$Unit = 1.00000$

1x 2x 3x 4x 5x 6x 7x 8x 9x 10x 1y 2y 3y 4y 5y 6y 7y 8y 9y 10y Show Intersection y_1

$x = 8.00000$
$y = 7.00000$
$x_1 = 0.12500$
$x_2 = 0.25000$
$x_3 = 0.37500$
$x_4 = 0.50000$
$x_5 = 0.62500$
$x_6 = 0.75000$
$x_7 = 0.87500$
$x_8 = 1.00000$

$y_1 = 0.14286$
$y_2 = 0.28571$
$y_3 = 0.42857$
$y_4 = 0.57143$
$y_5 = 0.71429$
$y_6 = 0.85714$

$\frac{1}{x_1 \cdot y_1} = 56.00000$

$A = 1.86667$

$\frac{1}{x_6 \cdot y_5} = 1.86667$

$\frac{x \cdot y}{6 \cdot 5} = 1.86667$

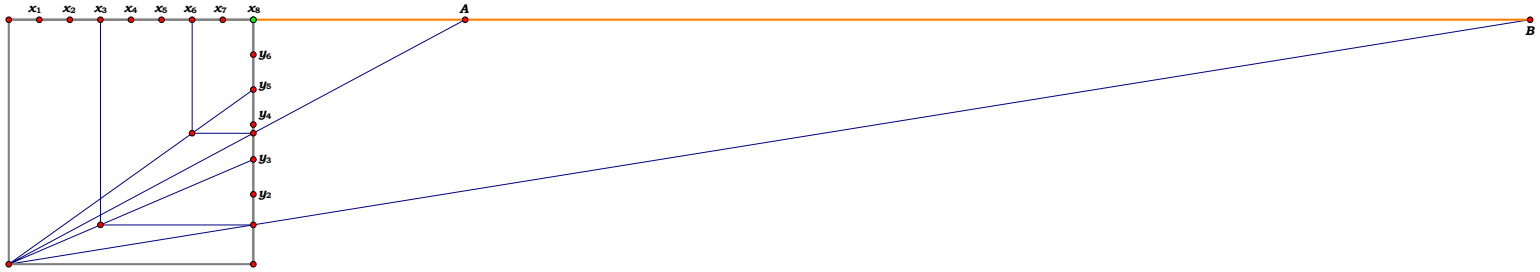
$\frac{56}{6 \cdot 5} = 1.86667$

$B = 6.22222$

$\frac{1}{x_3 \cdot y_3} = 6.22222$

$\frac{x \cdot y}{3 \cdot 3} = 6.22222$

$\frac{56}{9} = 6.22222$



Unit = 1.00000

01	$x = 9.00000$	$\mu_1 = 0.10000$	
02	$p = 10.00000$	$\mu_2 = 0.20000$	
03	$x_1 = 0.11111$	$\mu_3 = 0.30000$	
04	$x_2 = 0.22222$	$\mu_4 = 0.40000$	
05	$x_3 = 0.33333$	$\mu_5 = 0.50000$	
06	$x_4 = 0.44444$	$\mu_6 = 0.60000$	
07	$x_5 = 0.55556$	$\mu_7 = 0.70000$	
08	$x_6 = 0.66667$	$\mu_8 = 0.80000$	
09	$x_7 = 0.77778$	$\mu_9 = 0.90000$	
10	$x_8 = 0.88889$		
11	$x_9 = 1.00000$	$\frac{1}{x_1 \cdot \mu_1} = 90.00000$	
12			
13	$A = 15.00000$		$B = 4.28571$
14	$\frac{1}{x_7 \cdot \mu_7} = 15.00000$		$\frac{1}{x_7 \cdot \mu_7} = 4.28571$
15	$\frac{7 \cdot 6}{2 \cdot 3} = 15.00000$		$\frac{7 \cdot 6}{7 \cdot 3} = 4.28571$
16	$\frac{63}{6} = 10.50000$		$\frac{63}{21} = 3.00000$